



APPENDIX 15A

ACTIVITY PATTERNS CODES AND OCCUPATIONAL TENURE DATA



Table 15A-1. Activity Codes and Descriptors Used for Adult Time Diaries

WORK AND OTHER INCOME-PRODUCING ACTIVITIESPaid Work

- 01 - Normal work: activities at the main job including work brought home, travel that is part of the job, and overtime; "working," "at work"
- Work at home; work activities for pay done in the home when home is the main workplace (include travel as above)
- 02 - Job search; looking for work, including visits to employment agencies, phone calls to prospective employers, answering want ads
- Unemployment benefits; applying for or collecting unemployment compensation
- Welfare, food stamps; applying for or collecting welfare, food stamps
- 05 - Second job; paid work activities that are not part of the main job (use this code only when R* clearly indicates a second job or "other" job); paid work for those not having main job; garage sales, rental property
- 06 - Lunch at the workplace; lunch eaten at work, cafeteria, lunchroom when "where" = work (lunch at a restaurant, code 44; lunch at home, code 43)
- Eating, smoking, drinking coffee as a secondary activity while working (at workplace)
- 07 - Before and/or after work at the workplace; activities at the workplace before starting or after stopping work; include "conversations," other work. Do not code secondary activities with this primary activity
- Other work-related
- 08 - Coffee breaks and other breaks at the workplace; unscheduled breaks and other nonwork during work hours at the workplace; "took a break"; "had coffee" (as a primary activity). Do not code secondary activities with this primary activity
- 09 - Travel; to and from the workplace when R's travel to and from work were both interrupted by stops; waiting for related travel
- Travel to and from the workplace, including time spent awaiting transportation

HOUSEHOLD ACTIVITIESIndoor

- 10 - Meal preparation: cooking, fixing lunches
- Serving food, setting table, putting groceries away. unloading car after grocery shopping
- 11 - Doing dishes, rinsing dishes, loading dishwasher
- Meal cleanup, clearing table, unloading dishwasher

(continued on the following page)



Table 15A-1. Activity Codes and Descriptors Used for Adult Time Diaries (continued)

HOUSEHOLD ACTIVITIES (continued)

Indoor (continued)

- 12 - Miscellaneous, "worked around house." NA if indoor or outdoor - Routine indoor cleaning and chores, picking up, dusting, making beds, washing windows, vacuuming, "cleaning," "fall/spring cleaning," "housework"
- 14 - Laundry and clothes care - wash
- Laundry and clothes care - iron, fold, mending, putting away clothes ("Sewing" code 84)
- 16 - Repairs indoors; fixing, repairing appliances
- Repairs indoors; fixing, repairing furniture
- Repairs indoors; fixing, repairing furnace, plumbing, painting a room
- 17 - Care of houseplants
- 19 - Other indoor, NA whether cleaning or repair; "did things in house"

Outdoor

- 13 - Routine outdoor cleaning and chores; yard work, raking leaves, mowing grass, garbage removal, snow shoveling, putting on storm windows, cleaning garage, cutting wood
- 16 - Repair, maintenance, exterior; fixing repairs outdoors, painting the house, fixing the roof, repairing the driveway (patching)
- Home improvements: additions to and remodeling done to the house, garage; new roof
- Improvement to grounds around house; repaved driveway
- 17 - Gardening; flower or vegetable gardening; spading, weeding, composting, picking, worked in garden"
- 19 - Other outdoor; "worked outside," "puttering in garage"

MISCELLANEOUS HOUSEHOLD CHORES

- 16 - Car care; necessary repairs and routine care to cars; tune up
- Car maintenance; changed oil, changed tires, washed cars; "worked on car" except when clearly as a hobby - (code 83)
- 17 - Pet care; care of household pets including activities with pets; playing with the dog; walking the dog; (caring for pets of relatives, friends, code 42)

(continued on the following page)



Appendix 15A

Table 15A-1. Activity Codes and Descriptors Used for Adult Time Diaries (continued)

MISCELLANEOUS HOUSEHOLD CHORES (continued)

- 19 - Household paperwork; paying bills, balancing the checkbook, making lists, getting the mail, working on the budget
- Other household chores; (no travel), picking up things at home, e.g., "picked up deposit slips" (relate travel to purpose)

CHILD CAREChild Care for Children of Household

- 20 - Baby care; care to children aged 4 and under
- 21 - Child care; care to children aged 5*-17
- Child care; mixed ages or NA ages of children
- 22 - Helping/teaching children learn, fix, make things; helping son bake cookies; helping daughter fix bike
- Help with homework or supervising homework
- 23 - Giving children orders or instructions; asking them to help; telling the*i*n to behave
- Disciplining child; yelling at kids, spanking children; correcting children's behavior
- Reading to child
- Conversations with household children only; listening to children
- 24 - Indoor playing; other indoor activities with children (including games ("playing") unless obviously outdoor games)
- 25 - Outdoor playing; outdoor activities with children including sports, walks, biking with, other outdoor games
- Coaching/leading outdoor, nonorganizational activities
- 26 - Medical care at home or outside home; activities associated with children's health; "took son to doctor," "gave daughter medicine"

Other Child Care

- 27 - Babysitting (unpaid) or child care outside R's home or for children not residing in HH
- Coordinating or facilitating child's social or instructional nonschool activities; (travel related, code 29)
- Other child care, including phone conversations relating to child care other than medical
- 29 - Travel related to child's social and instructional nonschool activities
- Other travel related to child care activities; waiting for related travel

(continued on the following page)



Table 15A-1. Activity Codes and Descriptors Used for Adult Time Diaries (continued)

OBTAINING GOODS AND SERVICESGoods (include phone calls to obtain goods)

- 30 - Groceries; supermarket, shopping for food
- All other shopping for goods; including for clothing, small appliances; at drugstores, hardware stores, department stores, "downtown" or "uptown," "shopping," "shopping center," buying gas, "window shopping"
- 31 - Durable household goods; shopping for large appliances, cars, furniture
- House, apartment: activities connected to buying, selling, renting, looking for house, apartment, including phone calls; showing house, including traveling around looking at real estate property (for own use)

Services (include phone conversations to obtain services)

- 32 - Personal care; beauty, barber shop; hairdressers
- 33 - Medical care for self; visits to doctor, dentist, optometrist, including making appointments
- 34 - Financial services; activities related to taking care of financial business; going to the bank, paying utility bills (not by mail), going to accountant, tax office, loan agency, insurance office
- Other government services: post office, driver's license, sporting licenses, marriage licenses, police station
- 35 - Auto services; repair and other auto services including waiting for such services
- Clothes repair and cleaning; cleaners, laundromat, tailor
- Appliance repair: including furnace, water heater, electric or battery operated appliances; including watching repair person
- Household repair services: including furniture; other repair services NA type; including watching repair person
- 37 - Other professional services; lawyer, counseling (therapy)
- Picking up food at a takeout place - no travel
- Other services, "going to the dump"
- 38 - Errands; "running errands," NA whether for goods or services; borrowing goods
- 39 - Related travel; travel related to obtaining goods and services and/or household activities except 31; waiting for related travel

(continued on the following page)



Table 15A-1. Activity Codes and Descriptors Used for Adult Time Diaries (continued)

PERSONAL NEEDS AND CARECare to Self

- 40 - Washing, showering, bathing
 - Dressing; getting ready, packing and unpacking clothes, personal hygiene, going to the bathroom
- 41 - Medical care at home to self
- 43 - Meals at home; including coffee, drinking, smoking, food from a restaurant eaten at home, "breakfast," "lunch"
- 44 - Meals away from home; eaten at a friend's home (including coffee, drinking, smoking)
 - Meals away from home, except at workplace (06) or at friend's home (44); eating at restaurants, out for coffee
- 45 - Night sleep; longest sleep for day; (may occur during day for night shift workers) including "in bed," but not asleep
- 46 - Naps and resting; rest periods, "dozing," "laying down" (relaxing code 98)
- 48 - Sex, making out
 - Personal, private; "none of your business"
 - Affection between household members; giving and getting hugs, kisses, sitting on laps

Help and Care to Others

- 41 - Medical care to adults in household (HH)
- 42 - Nonmedical care to adults in HH; routine nonmedical care to adults in household; "got my wife up," "ran a bath for my husband"
 - Help and care to relatives not living in HH; helping care for, providing for needs of relatives; (except travel) helping move, bringing food, assisting in emergencies, doing housework for relatives; visiting when sick
 - Help and care to neighbors, friends
 - Help and care to others, NA relationship to respondent

Other Personal and Helping

- 48 - Other personal; watching personal care activities
- 49 - Travel (helping); travel related to code 42, including travel that is the helping activity; waiting for related travel
 - Other personal travel; travel related to other personal care activities; waiting for related travel; travel, NA purpose of trip - e.g., "went to Memphis" (no further explanation given)

(continued on the following page)



Table 15A-1. Activity Codes and Descriptors Used for Adult Time Diaries (continued)

EDUCATION AND PROFESSIONAL TRAINING

- 50 - Student (full-time); attending classes, school if full-time student; includes daycare, nursery school for children not in school
- 51 - Other classes, courses, lectures, academic or professional; R not a full-time student or NA whether a student; being tutored
- 54 - Homework, studying, research, reading, related to classes or profession, except for current job (code 07); "went to the library"
- 56 - Other education
- 59 - Other school-related travel; travel related to education coded above; waiting for related travel; travel to school not originating from home

ORGANIZATIONAL ACTIVITIES

Volunteer, Helping Organizations: hospital volunteer group, United Fund, Red Cross, Big Brother/Sister

- 63 -
 - Attending meetings of volunteer, helping organizations
 - Officer work; work as an officer of volunteer, helping organizations; R must indicate he/she is an officer to be coded here
 - Fund raising activities as a member of volunteer helping organization, collecting money, planning a collection drive
 - Direct help to individuals or groups as a member of volunteer helping organizations; visiting, bringing food, driving
 - Other activities as a member of volunteer helping organizations, including social events and meals

Religious Practice

- 65 -
 - Attending services of a church or synagogue, including participating in the service; ushering, singing in choir, leading youth group, going to church, funerals
 - Individual practice; religious practice carried out as an individual or in a small group; praying, meditating, Bible study group (not a church), visiting graves

Religious Groups

- 64 -
 - Meetings: religious helping groups; attending meetings of helping - oriented church groups -ladies aid circle, missionary society, Knights of Columbus
 - Other activities; religious helping groups; other activities as a member of groups listed above, including social activities and meals

(continued on the following page)



Table 15A-1. Activity Codes and Descriptors Used for Adult Time Diaries (continued)

ORGANIZATIONAL ACTIVITIES (continued)

Religious Groups (continued)

- Meetings: other church groups; attending meetings of church group, not primarily helping-oriented, or NA if helping-oriented
- Other activities, other church groups; other activities as a member of church groups that are not helping-oriented or NA if helping, including social activities and meals; choir practice; Bible class

Professional/Union Organizations: State Education Association; AFL-CIO; Teamsters

- 60
- Meetings; professional/union; attending meetings of professional or union groups
 - Other activities, professional/union; other activities as a member of professional or union group including social activities and meals

Child/Youth/Family Organizations: PTA, PTO; Boy/Girl Scouts; Little Leagues; YMCA/YWCA; school volunteer

- 67
- Meetings, family organizations; attending meetings of child/youth/family*-oriented organizations
 - Other activities, family organizations; other activities as a member of child/youth/family-oriented organizations including social activities and meals

Fraternal Organizations: Moose, VFW, Kiwanis, Lions, Civitan, Chamber of Commerce, Shriners, American Legion

- 66
- Meetings, fraternal organizations; attending meetings of fraternal organizations
 - Other activities, fraternal organizations; other activities as a member of fraternal organizations including social activities and helping activities and meals

Political Party and Civic Participation: Citizens' groups, Young Democrats, Young Republicans, radical political groups, civic duties

- 62
- Meetings, political/citizen organizations; attending meetings of a political party or citizen group, including city council
 - Other activities, political/citizen organizations; other participation in political party and citizens' groups, including social activities, voting, jury duty, helping with elections, and meals

Special Interest/Identity Organizations (including groups based on sex, race, national origin); NOW; NAACP; Polish-American Society; neighborhood, block organizations; CR groups; senior citizens; Weight Watchers

- 61
- Meetings; identify organizations; attending meetings of special interest, identity organizations
 - Other activities, identity organizations; other activities as a member of a special interest, identity organization, including social activities and meals

(continued on the following page)



Table 15A-1. Activity Codes and Descriptors Used for Adult Time Diaries (continued)

ORGANIZATIONAL ACTIVITIES (continued)

Other Miscellaneous Organizations, do not fit above

- 68 - Other organizations; any activities as a member of an organization not fitting into above categories; (meetings and other activities included here)

Travel Related to Organizational Activities

- 69 - Travel related to organizational activities as a member of a volunteer (helping) organization (code 63); including travel that is the helping activity, waiting for related travel
- Travel (other organization-related); travel related to all other organization activities; waiting for related travel

ENTERTAINMENT/SOCIAL ACTIVITIES

Attending Spectacles, Events

- 70 - Sports; attending sports events - football, basketball, hockey, etc.
71 - Miscellaneous spectacles, events: circus, fairs, rock concerts, accidents
72 - Movies; "went to the show"
73 - Theater, opera, concert, ballet
74 - Museums, art galleries, exhibitions, zoos

Socializing

- 75 - Visiting with others; socializing with people other than R's own HH members either at R's home or another home (visiting on the phone, code 96); talking/chatting in the context of receiving a visit or paying a visit
76 - Party; reception, weddings
77 - At bar; cocktail lounge, nightclub; socializing or hoping to socialize at bar, lounge
- Dancing
78 - Other events; other events or socializing, do not fit above
79 - Related travel; waiting for related travel

(continued on the following page)



Table 15A-1. Activity Codes and Descriptors Used for Adult Time Diaries (continued)

SPORTS AND ACTIVE LEISUREActive Sports

- 80 - Football, basketball, baseball, volleyball, hockey, soccer, field hockey
- Tennis, squash, racquetball, paddleball
- Golf, miniature golf
- Swimming, waterskiing
- Skiing, ice skating, sledding, roller skating
- Bowling; pool, ping-pong, pinball
- Frisbee, catch
- Exercises, yoga (gymnastics - code 86)
- Judo, boxing, wrestling

Out of Doors

- 81 - Hunting
- Fishing
- Boating, sailing, canoeing
- Camping, at the beach
- Snowmobiling, dune-buggies
- Gliding, ballooning, flying
- Excursions, pleasure drives (no destination), rides with the family
- Picnicking

Walking, Biking

- 82 - Walking for pleasure
- Hiking
- Jogging, running
- Bicycling
- Motorcycling
- Horseback riding

Hobbies

- 83 - Photography
- Working on cars - not necessarily related to their running; customizing, painting
- Working on or repairing leisure time equipment (repairing the boat, "sorting out fishing tackle")
- Collections, scrapbooks
- Carpentry and woodworking (as a hobby)

(continued on the following page)



Table 15A-1. Activity Codes and Descriptors Used for Adult Time Diaries (continued)

SPORTS AND ACTIVE LEISURE (continued)

Domestic Crafts

- 84 - Preserving foodstuffs (canning, pickling)
- Knitting, needlework, weaving, crocheting (including classes), crewel, embroidery, quilting, quilling, macrame
- Sewing
- Care of animals/livestock when R is not a farmer (pets, code 17; "farmer", code 01, work)

Art and Literature

- 85 - Sculpture, painting, potting, drawing
- Literature, poetry, writing (not letters), writing a diary

Music/Theater/Dance

- 86 - Playing a musical instrument (include practicing), whistling
- Singing
- Acting (rehearsal for play)
- Nonsocial dancing (ballet, modern dance, body movement)
- Gymnastics (lessons - code 88)

Games

- 87 - Playing card games (bridge, poker)
- Playing board games (Monopoly, Yahtzee, etc.), bingo, dominoes
- Playing social games (scavenger hunts), "played games" - NA kind
- Puzzles

Classes/Lessons for Active Leisure Activity

- 88 - Lessons in sports activities: swimming, golf, tennis, skating, roller skating
- Lessons in gymnastics, dance, judo, body movement
- Lessons in music, singing, instruments
- Other lessons, not listed above

Travel

- 89 - Related travel; travel related to sports and active leisure; waiting for related travel: vacation travel

(continued on the following page)



Appendix 15A

Table 15A-1. Activity Codes and Descriptors Used for Adult Time Diaries (continued)

PASSIVE LEISURE

- 90 - Radio
- 91 - TV
- 92 - Records, tapes, "listening to music," listening to others playing a musical instrument
- 93 - Reading books (current job related, code 07; professionally or class related, code 54)
- 94 - Reading magazines, reviews, pamphlets
 - Reading NA what; or other
- 95 - Reading newspapers
- 96 - Phone conversations - not coded elsewhere, including all visiting by phone
 - Other talking/conversations; face-to-face conversations, not coded elsewhere (if children in HH only, code 23); visiting other than 75
 - Conversations with HH members only - adults only or children and adults
 - Arguing or fighting with people other than HH members only, household and nonhousehold members, or NA
 - Arguing or fighting with HH members only
- 97 - Letters (reading or writing); reading mail
- 98 - Relaxing
 - Thinking, planning; reflecting
 - "doing nothing," "sat"; just sat;
 - Other passive leisure, smoking dope, pestering, teasing, joking around, messing around; laughing
- 99 - Related travel: waiting for related travel

MISSING DATA CODES

- Activities of others reported - R's activity not specified
- NA activities; a time gap of greater than 10 minutes.

EXAMPLES OF ACTIVITIES IN "OTHER" CATEGORIESOther Work Related

- 07 - Foster parent activities

(continued on the following page)



Table 15A-1. Activity Codes and Descriptors Used for Adult Time Diaries (continued)

EXAMPLES OF ACTIVITIES IN "OTHER" CATEGORIES (continued)

Other Household

- 19 - Typing
- Wrapping presents
- Checked refrigerator for shopping list
- Unpacked gifts from shower
- Packing/unpacking car
- "Settled in" after trip
- Hooked up boat to car
- Showed wife car (R was fixing)
- Packing to move
- Moved boxes
- Looking/searching for things at home (inside or out)

Other Child Care

- 27 - Waited for son to get hair cut
- Picked up nephew at sister's house
- "Played with kids" (R's children from previous marriage not living with R)
- Called babysitter

Other Services

- 37 - Left clothing at Goodwill
- Unloaded furniture (just purchased)
- Returned books (at library)
- Brought clothes in from car (after laundromat)
- Delivered some stuff to a friend
- Waited for father to pick up meat
- Waited for stores to open
- Put away things from swap meet
- Sat in car waiting for rain to stop before shopping
- Waiting for others while they are shopping
- Showing mom what I bought

Other Personal

- 48 - Waiting to hear from daughter
- Stopped at home, NA what for
- Getting hysterical
- Breaking up a fight (not child care related)
- Waited for wife to get up

(continued on the following page)



Appendix 15A

Table 15A-1. Activity Codes and Descriptors Used for Adult Time Diaries (continued)

EXAMPLES OF ACTIVITIES IN "OTHER" CATEGORIES (continued)

Other Personal (continued)

- Waiting for dinner at brother's house
- Waiting for plane (meeting someone at airport)
- Laughing
- Crying
- Moaning - head hurt
- Watching personal care activities ("watched dad shave")

Other Education

- 56
- Watched a film
 - In discussion group

Other Organization

- 68
- Attending "Club House coffee klatch"
 - Waited for church activities to begin
 - "Meeting" NA kind
 - Cleanup after banquet
 - Checked into swap meet - selling and looking

Other Social, Entertainment

- 78
- Waiting for movies, other events
 - Opening presents (at a party)
 - Looking at gifts
 - Decorating for party
 - Tour of a home (friends or otherwise)
 - Waiting for date
 - Preparing for a shower (baby shower)
 - Unloaded uniforms (for parade)

Other Active Leisure

- 88
- Fed birds, bird watching
 - Astrology
 - Swinging
 - At park
 - Showing slides
 - Showing sketches

(continued on the following page)



Table 15A-1. Activity Codes and Descriptors Used for Adult Time Diaries (continued)

EXAMPLES OF ACTIVITIES IN "OTHER" CATEGORIES (continued)

Other Active Leisure (continued)

- Recording music
- Hung around airport (NA reason)
- Picked up fishing gear
- Inspecting motorcycle
- Arranging flowers
- Work on model airplane
- Picked asparagus
- Picked up softball equipment
- Registered to play golf
- Toured a village or lodge (coded 81)

Other Passive Leisure

- 98
- Lying in sun
 - Listening to birds
 - Looking at slides
 - Stopped at excavating place
 - Looking at pictures
 - Walked around outside
 - Waiting for a call
 - Watched plane leave
 - Girl watching/boy watching
 - Watching boats
 - Wasted time
 - In and out of house
 - Home movies

* R = Respondent

HH = Household.

Source: Juster et al., 1983.



Appendix 15A

Table 15A-2. Differences in Average Time Spent in Different Activities Between California and National Studies (minutes per day for age 18-64 years)							
00-49	NON-FREE TIME	California 1987-88 (1359)	National 1985 (1980)	50-59	Free Time	California 1987-88 (1359)	National 1985 (1980)
00-09	PAID WORK			50-99	EDUCATION AND TRAINING		
00	(not used)			50	Students' Classes	9	5
01	Main Job	224	211	51	Other Classes	1	3
02	Unemployment	1	1	52	(not used)	-	-
03	Travel during work	8	NR	53	(not used)	-	-
04	(not used)	-	-	54	Homework	8	7
05	Second job	3	3	55	Library	*	1
06	Eating	6	8	56	Other Education	1	1
07	Before/after work	1	2	57	(not used)	-	-
08	Breaks	2	2	58	(not used)	-	-
09	Travel to/from work	28	25	59	Travel, Education	3	2
10-19	HOUSEHOLD WORK			60-69	ORGANIZATIONAL ACTIVITIES		
10	Food Preparation	29	36	60	Professional/Union	0	1
11	Meal Cleanup	10	11	61	Special Interest	*	1
12	Cleaning House	21	24	62	Political/Civic	0	*
13	Outdoor Cleaning	9	7	63	Volunteer/Helping	1	1
14	Clothes Care	7	11	64	Religious Groups	1	2
15	Car Repair/Maintenance (by R)	5	5	65	Religious Practice	5	7
16	Other Repairs (by R)	8	6	66	Fraternal	0	*
17	Plant Care	3	5	67	Child/Youth/Family	1	*
18	Animal Care	3	5	68	Other Organizations	2	1
19	Other Household	7	8	69	Travel Organizations	2	4
20-29	CHILD CARE			70-79	ENTERTAINMENT/ SOCIAL ACTIVITIES		
20	Baby Care	3	8	70	Sports Events	2	2
21	Child Care	7	5	71	Entertainment Events	5	1
22	Helping/Teaching	2	1	72	Movies	2	3
23	Talking/Reading	1	1	73	Theatre	1	1
24	Indoor Playing	2	3	74	Museums	1	*
25	Outdoor Playing	2	1	75	Visiting	26	25
26	Medical care - Care	*	1	76	Parties	6	7
27	Other Child Care	2	1	77	Bars/Lounges	4	6
28	(At Dry Cleaners)	*	NR	78	Other Social	*	1
29	Travel, Child care	4	4	79	Travel, Events/Social	13	16



Table 15A-2. Differences in Average Time Spent in Different Activities Between California and National Studies (minutes per day for age 18-64 years) (continued)							
00-49	NON-FREE TIME	California 1987-88 (1359)	National 1985 (1980)	50-59	Free Time	California 1987-88 (1359)	National 1985 (1980)
30-39	OBTAINING GOODS AND SERVICES			80-89	RECREATION		
30	Everyday Shopping	8	5	80	Active Sports	15	13
31	Durable/House Shop	19	20	81	Outdoor	3	7
32	Personal Services	1	1	82	Walking/Hiking	5	4
33	Medical Appointments	2	2	83	Hobbies	1	1
34	Gov't/Financial Service	3	2	84	Domestic Crafts	3	6
35	Car Repair services	2	1	85	Art	*	1
36	Other Repair services	*	1	86	Music/Drama/Dance	3	2
37	Other Services	2	2	87	Games	5	7
38	Errands	*	1	88	Computer Use/Other	3	3
39	Travel, Goods and Services	24	20	89	Travel, Recreation	5	6
40-49	PERSONAL NEEDS AND CARE			90-99	COMMUNICATION		
40	Washing, Etc.	21	25	90	Radio	1	3
41	Medical Care	3	1	91	TV	130	126
42	Help and Care	3	4	92	Records/Tapes	3	1
43	Meals At Home	44	50	93	Read Books	4	7
44	Meals Out	27	20	94	Reading Magazines/Other	16	10
45	Night Sleep	480	469	95	Reading Newspaper	11	9
46	Naps/Day Sleep	16	16	96	Conversations	15	25
47	Dressing, Etc.	24	32	97	Writing	8	9
48	NA Activity	2	12	98	Think, Relax	9	6
49	Travel, Personal Care/NA	22	13	99	Travel, Communication	5	*
NR =	Not Recorded in National Survey				Total Travel	108	90
* =	Less than 0.5 Min. per day				(Codes 09, 29, 39, 49, 59, 69, 79, 89, 99)		
Source: Robinson and Thomas, 1991.							



Appendix 15A

Table 15A-3. Time Spent in Various Microenvironments

		Mean duration					
		Men		Women		Total ^a	
Code	Description	N = 639	N = 914	N = 720	N = 1059	N = 1980	N = 1359
	California	National	California	National	California	National	
AT HOME							
Kitchen	46	56	98	135	72		104
Living Room	181	136	98	180	189		158
Dining Room	18	10	22	18	19		15
Bathroom	27	27	38	43	33		38
Bedroom	481	478	534	531	508		521
Study	8	10	6	7	7		8
Garage	14	5	6	1	19		2
Basement	<0.5	4	<0.5	6	<0.5		5
Utility Room	1	0	3	5	2		4
Pool, Spa	1	NR	1	NR ^b	1		NR ^b
Yard	33		21		27		37
Room to Room	9	160 ^c	34	116	21		40
Other NR Room	3		4		3		22
<u>Total at home</u>	822	888	963	1022	892		954
AWAY FROM HOME							
Office	78	261	94	155	86		193
Plant	73	--	12	--	42		--
Grocery Store	12	18	14	33	13		30
Shopping Mall	30	--	40	--	35		--
School	25	13	29	11	27		15
Other Public Places	18	--	10	--	14		12
Hospital	9	NR	24	NR	17		3
Restaurant	35	22	25	18	30		23
Bar-Night Club	15	--	5	--	10		--
Church	7	8	5	11	6		10
Indoor Gym	4	NR	4	NR	4		NR
Other's Home	60	42	61	45	61		43
Auto Repair	18	NR	4	NR	11		NR
Playground	16	27	8	16	12		NR
Hotel-Motel	7	NR	8	NR	8		NR
Dry Cleaners	<0.5	NR	1	NR	1		NR
Beauty Parlor	<0.5	NR	4	NR	2		NR
Other Locations	3	NR	1	NR	2		NR
Other Indoor	17	41	7	24	12		24
Other Outdoor	60	NR	13	NR	37		6
<u>Total away from home</u>	487	445	371	324	430		383



Table 15A-3. Time Spent in Various Microenvironments (continued)

Code Description	Men			Mean duration Women		Total ^a
	N = 639 California	N = 914 National	N = 720 California	N = 1059 National	N = 1980 California	N = 1359 National
TRAVEL						
Car	76	--	77	--	76	--
Van/Truck	30	86	11	77	20	88
Walking	10	--	8	--	9	2
Bus Stop	<0.5	--	1	--	1	--
Bus	6	--	2	--	4	3
Rapid Train	1	--	--	--	1	1
Other Travel	2	--	1	--	1	<0.5
Airplane	1	15	<0.5	10	1	1
Bicycle	1	--	<0.5	--	1	NR
Motorcycle	2	--	<0.5	--	1	NR
Other or Missing	1	--	<0.5	--	1	NR
			^a			
<u>Total travel</u>	130	101	102	87	116	94
Not ascertained	1	8	4	7	2	9
Total Time Outdoors	--	--	--	--	88	70

^a Totals do not necessarily reflect exact averages presented for each gender. Totals were revised, but revisions for each gender were not provided.

^b NR = Not Reported

^c Is total mean duration for those categories; breakdowns per category were not reported.

Source: Robinson and Thomas, 1991.

	<u>National</u>		<u>California</u>	
Note: Percent at home	men	= 62	men	= 57
	women	= 71	women	= 67
	total	= 67	total	= 62
Percent away from home	men	= 31	men	= 34
	women	= 23	women	= 26
	total	= 27	total	= 30
Percent in travel	men	= 7	men	= 9
	women	= 6	women	= 7
	total	= 7	total	= 8



Appendix 15A

Table 15A-4. Major Time Use Activity Categories ^a	
Activity code	Activity
01-09	Market work
10-19	House/yard work
20-29	Child care
30-39	Services/shopping
40-49	Personal care
50-59	Education
60-69	Organizations
70-79	Social entertainment
80-89	Active leisure
90-99	Passive leisure
^a Appendix Table 14A-3 presents a detailed explanation of the coding and activities. Source: Hill, 1985.	



Table 15A-5. Mean Time Spent (minutes/day) for 87 Activities Grouped by Day of the Week

Activity	Weekday N=831		Saturday N=831		Sunday N=831	
	Mean	Std. Dev.	Mean	Std. Dev.	Mean	Std. Dev.
01-Normal Work	240.54	219.10	82.43	184.41	46.74	139.71
02-Unemployment Acts	0.98	9.43	0.00	0.00	0.00	0.00
05-Second Job	3.76	25.04	2.84	32.64	2.65	27.30
06-Lunch At Work	10.00	15.81	1.82	7.88	1.43	8.29
07-Before/After Work	3.51	10.05	1.45	9.79	1.66	13.76
08-Coffee Breaks	5.05	11.53	1.59	7.32	0.93	8.52
09-Travel: To/From Work	24.03	30.37	7.74	22.00	4.60	17.55
10-Meal Preparation	42.18	46.59	40.37	59.82	42.38	57.42
11-Meal Cleanup	12.48	19.25	12.07	22.96	13.97	25.85
12-Indoor Cleaning	26.37	43.84	38.88	80.39	21.73	48.70
13-Outdoor Cleaning	7.48	25.45	15.71	58.00	9.01	39.39
14-Laundry	13.35	30.39	11.48	31.04	7.79	25.43
16-Repairs/Maintenance	9.61	35.43	17.36	72.50	13.56	62.12
17-Garden/Pet Care	8.52	25.15	14.75	49.17	8.47	37.54
19-Other Household	6.26	20.62	9.82	37.58	7.60	32.17
20-Baby Care	6.29	22.91	5.89	30.72	6.26	33.78
21-Child Care	6.26	16.34	5.38	21.58	7.09	23.15
22-Helping/Teaching	1.36	8.28	0.23	3.64	0.76	6.52
23-Reading/Talking	2.47	8.65	1.71	10.84	1.53	9.97
24-Indoor Playing	1.75	8.72	0.90	7.82	2.45	15.11
25-Outdoor Playing	0.73	6.33	1.23	13.03	0.91	10.30
26-Medical Care-Child	0.64	7.42	0.16	2.79	0.44	7.20
27-Babysitting/Other	2.93	14.56	2.16	19.11	3.28	24.89
29-Travel: Child Care	4.18	10.97	1.71	8.72	2.08	10.56
30-Everyday Shopping	19.73	30.28	33.52	61.38	10.13	30.18
31-Durable/House Shop	0.58	4.83	1.46	14.04	1.65	17.92
32-Personal Care Services	1.93	10.04	3.42	18.94	0.02	0.69
33-Medical Appointments	3.43	14.49	0.60	6.63	0.00	0.00
34-Gov't/Financial Services	1.90	6.07	0.66	4.34	0.03	0.43
35-Repair Services	1.33	7.14	1.25	10.24	0.52	5.61
37-Other Services	1.13	7.17	1.55	9.57	0.72	4.34
38-Errands	0.74	8.03	0.35	5.27	0.04	1.04
39-Travel: Goods/Services	17.93	23.58	21.61	36.35	8.45	21.64
40-Washing/Dressing	44.03	29.82	44.25	41.20	47.54	40.15
41-Medical Care R/HH Adults	0.77	6.19	1.29	15.90	1.45	29.18
42-Help & Care	8.43	28.17	12.19	52.58	14.32	55.13
43-Meals At Home	53.45	35.57	57.86	49.25	61.84	49.27
44-Meals Out	19.55	31.20	31.13	56.03	25.95	47.60
45-Night Sleep	468.49	79.42	498.40	115.55	528.86	115.84
46-Naps/Resting	22.07	43.92	30.67	74.98	27.56	66.01
48-N.A. Activities	7.52	22.32	11.72	41.61	8.18	35.79
49-Travel: Personal	14.87	27.76	19.33	50.42	18.58	46.36
50-Students' Classes	6.33	33.79	0.96	18.17	0.96	20.07
51-Other Classes	2.65	17.92	0.40	11.52	0.27	5.63



Appendix 15A

Table 15A-5. Mean Time Spent (minutes/day) for 87 Activities Grouped by Day of the Week (continued)

Activity	Weekday N=831		Saturday N=831		Sunday N=831	
	Mean	Std. Dev.	Mean	Std. Dev.	Mean	Std. Dev.
54-Homework	4.56	24.35	3.48	27.98	5.40	38.68
56-Other Education	0.53	5.91	0.15	2.75	0.45	9.85
59-Travel: Education	2.29	10.36	0.35	4.26	0.21	3.14
60-Professional/Union Orgs.	0.51	7.27	0.13	3.64	0.44	8.34
61-Identity Organizations	1.53	11.19	1.24	35.63	0.48	7.58
62-Political/Citizen Orgs	0.14	1.25	0.07	1.91	0.19	5.55
63-Volunteer/Helping Orgs	1.08	10.08	0.02	0.45	0.41	7.09
64-Religious Groups	2.96	17.33	3.05	27.73	8.59	33.31
65-Religious Practice	4.98	19.92	7.13	30.12	34.05	62.06
66-Fraternal Organizations	0.85	9.28	1.73	27.71	0.31	6.67
67-Child/Family Organizations	1.70	11.69	1.04	17.83	0.26	7.63
68-Other Organizations	3.91	22.85	1.31	20.28	1.71	17.52
69-Traves: Organizations	3.41	9.83	2.66	12.22	12.07	37.64
70-Sport Events	2.22	13.45	6.29	42.05	3.44	27.78
71-Miscellaneous Events	0.32	4.89	1.94	19.90	1.96	19.75
72-Movies	1.65	11.03	4.74	27.04	3.35	22.65
73-Theater	0.69	7.13	2.66	27.79	0.77	10.37
74-Museums	0.19	3.32	0.90	13.62	0.72	11.17
75-Visiting w/Others	33.14	51.69	56.78	95.61	69.65	114.58
76-Parties	2.81	16.49	12.63	56.11	7.16	39.02
77-Bars/Lounges	3.62	18.07	7.23	35.09	3.91	26.95
78-Other Events	1.39	11.55	1.33	15.52	1.00	10.80
79-Travel: Events/Social	8.90	16.19	19.55	43.38	18.02	34.45
80-Active Sports	5.30	19.60	9.23	43.69	11.39	48.66
81-Outdoors	5.11	33.00	11.58	55.07	15.52	62.68
82-Walking/Biking	2.08	9.70	5.87	36.38	5.92	32.28
83-Hobbies	1.78	11.73	3.20	32.43	4.10	31.55
84-Domestic Crafts	11.18	37.03	8.67	40.49	6.41	34.82
85-Art/Literature	0.99	10.84	0.86	13.59	1.13	15.07
86-Music/Drama/Dance	0.45	4.91	0.83	8.83	0.63	8.32
87-Games	5.06	22.91	10.14	45.11	7.89	40.45
88-Classes/Other	2.65	15.83	2.56	29.92	3.37	23.60
89-Travel: Active Leisure	3.31	14.77	8.50	48.72	8.19	38.11
90-Radio	2.89	12.19	3.53	23.42	2.88	18.50
91-TV	113.01	103.89	118.99	131.24	149.67	141.43
92-Records/Tapes	2.58	20.26	2.40	16.09	2.03	16.08
93-Reading Books	4.41	18.09	2.76	17.85	5.23	30.13
94-Reading Magazines/N.A.	13.72	31.73	16.33	46.24	17.18	51.01
95-Reading Newspapers	12.03	22.65	12.19	34.96	26.01	44.47
96-Conversations	18.68	28.59	15.45	35.27	14.57	34.60
97-Letters	2.83	12.23	1.61	10.80	1.96	12.59
98-Other Passive Leisure	9.72	25.02	17.24	57.21	15.28	47.86
99-Travel: Passive Leisure	1.26	5.44	1.32	6.80	1.72	9.87

Source: Hill, 1985.



Table 15A-6. Weighted Mean Hours Per Week by Gender: 87 Activities and 10 Subtotals

Activity	Men N=410		Women N=561		Men and women N=971	
	Mean	Std. dev.	Mean	Std. dev.	Mean	Std. dev.
01 - Normal work	29.78	20.41	14.99	17.62	21.82	20.33
02 - Unemployment acts	0.14	1.06	0.08	0.75	0.11	0.90
05 - Second job	0.73	3.20	0.17	1.62	0.43	2.49
06 - Lunch at work 1.08	1.43	0.65	1.21	0.85	1.33	
07 - Before/after work	0.51	1.27	0.23	0.69	0.36	1.01
08 - Coffee breaks 0.57	1.05	0.36	1.03	0.46	1.04	
09 - Travel: to/from work	2.98	2.87	1.45	2.17	2.16	2.63
10 - Meal preparation	1.57	2.61	7.25	5.04	4.63	4.98
11 - Meal cleanup	0.33	0.83	2.30	2.19	1.39	1.97
12 - Indoor cleaning	0.85	2.01	5.03	5.05	3.10	4.46
13 - Outdoor cleaning	1.59	3.59	0.56	1.59	1.03	2.75
14 - Laundry	0.13	0.72	2.44	3.34	1.38	2.75
16 - Repairs/maintenance	2.14	4.29	0.68	3.43	1.35	3.92
17 - Gardening/pet care	0.94	2.78	1.00	2.19	0.97	2.48
19 - Other household	0.92	2.42	0.72	1.84	0.81	2.13
20 - Baby care	0.24	1.20	0.90	3.04	0.60	2.40
21 - Child care	0.24	0.78	0.99	2.11	0.64	1.68
22 - Helping/teaching	0.07	0.61	0.15	0.76	0.11	0.70
23 - Reading/talking	0.07	0.35	0.30	0.86	0.19	0.68
24 - Indoor playing 0.13	0.69	0.18	0.82	0.16	0.76	
25 - Outdoor playing	0.06	0.37	0.12	0.72	0.09	0.58
26 - Medical care - child	0.01	0.09	0.09	0.67	0.05	0.50
27 - Babysitting/other	0.14	0.78	0.64	2.58	0.41	1.98
29 - Travel: child care	0.23	0.67	0.50	1.21	0.38	1.00
30 - Everyday shopping	1.45	2.18	2.78	3.25	2.17	2.89
31 - Durables/house shopping	0.19	1.39	0.08	0.51	0.13	1.01
32 - Personal care services	0.06	0.42	0.35	1.14	0.22	0.90
33 - Medical appointments	0.15	0.75	0.37	1.63	0.27	1.31
34 - Govt/financial services	0.15	0.44	0.19	0.61	0.17	0.54
35 - Repair services 0.11	0.45	0.17	0.78	0.14	0.65	
37 - Other services 0.11	0.61	0.13	0.61	0.12	0.61	
38 - Errands	0.04	0.41	0.06	0.68	0.05	0.57
39 - Travel: goods/services	1.60	2.02	2.14	2.17	1.89	2.12

(Continued on the following page)



Appendix 15A

Table 15A-6. Weighted Mean Hours Per Week by Gender: 87 Activities and 10 Subtotals (continued)

Activity	Men N=410		Women N=561		Men and women N=971	
	Mean	Std. dev.	Mean	Std. dev.	Mean	Std. dev.
40 - Washing/dressing	4.33	2.39	5.43	3.24	4.92	2.93
41 - Medical care - adults	0.09	0.67	0.18	1.00	0.14	0.86
42 - Help and care	1.02	2.84	1.30	3.04	1.17	2.95
43 - Meals at home	6.59	3.87	6.32	3.53	6.44	3.69
44 - Meals out	2.72	3.48	2.24	2.73	2.46	3.10
45 - Night sleep	55.76	8.43	56.74	8.49	56.29	8.47
46 - Naps/resting 2.94	5.18	3.19	4.70	3.08	4.93	
48 - N.A. activities	1.77	6.12	1.99	5.70	1.89	5.89
49 - Travel: personal	2.06	2.59	1.61	2.51	1.82	2.56
50 - Students' classes	0.92	4.00	0.38	2.51	0.63	3.29
51 - Other classes	0.23	1.68	0.15	1.05	0.18	1.38
54 - Homework	0.76	3.48	0.38	1.87	0.56	2.74
56 - Other education	0.11	0.86	0.02	0.22	0.06	0.61
59 - Travel: education	0.29	1.07	0.16	1.06	0.22	1.07
60 - Professional/union organizations	0.04	0.46	0.04	0.62	0.04	0.55
61 - Identity organizations	0.14	0.97	0.18	1.55	0.16	1.31
62 - Political/citizen organizations	0.01	0.08	0.02	0.15	0.01	0.12
63 - Volunteer/helping organizations	0.02	0.32	0.14	1.05	0.09	0.80
64 - Religious groups	0.38	1.82	0.41	1.61	0.40	1.71
65 - Religious practice	0.89	2.05	1.31	2.97	1.12	1.60
66 - Fraternal organizations	0.16	1.17	0.05	0.66	0.10	0.93
67 - Child/family organizations	0.10	0.88	0.21	1.33	0.16	1.15
68 - Other organizations	0.34	2.40	0.32	1.53	0.32	1.98
69 - Travel: organizations	0.43	1.04	0.52	1.02	0.48	1.03
70 - Sports events	0.30	1.31	0.26	1.28	0.28	1.29
71 - Miscellaneous events	0.07	0.52	0.08	0.59	0.07	0.56
72 - Movies	0.31	1.25	0.26	1.13	0.28	1.19
73 - Theatre	0.13	0.93	0.06	0.48	0.09	0.72
74 - Museums	0.04	0.37	0.03	0.35	0.03	0.36
75 - Visiting with others	4.24	5.72	5.84	6.42	5.10	6.16
76 - Parties	0.64	2.05	0.44	1.65	0.53	1.84
77 - Bars/lounges 0.71	2.21	0.46	2.09	0.57	2.15	
78 - Other events 0.12	0.72	0.18	1.18	0.15	0.99	
79 - Travel: events/social	1.40	1.82	1.26	1.67	1.32	1.74

(Continued on the following page)



Table 15A-6. Weighted Mean Hours Per Week by Gender: 87 Activities and 10 Subtotals (continued)

Activity	Men N=410		Women N=561		Men and women N=971	
	Mean	Std. dev.	Mean	Std. dev.	Mean	Std. dev.
80 - Active sports	1.05	2.62	0.50	1.68	0.76	2.18
81 - Outdoors	1.49	4.59	0.48	1.67	0.94	3.39
82 - Walking/biking	0.52	1.31	0.23	0.98	0.36	1.16
83 - Hobbies	0.69	3.88	0.06	0.43	0.35	2.67
84 - Domestic crafts	0.30	1.59	2.00	4.72	1.21	3.93
85 - Art/literature 0.05	0.45	0.13	1.03	0.09	0.81	
86 - Music/drama/dance	0.06	0.49	0.07	0.47	0.07	0.48
87 - Games	0.60	2.00	0.99	3.16	0.81	2.69
88 - Classes/other	0.41	1.75	0.28	1.50	0.34	1.62
89 - Travel: active leisure	0.76	1.91	0.43	1.43	0.58	1.68
90 - Radio	0.39	1.40	0.39	1.55	0.39	1.49
91 - TV	14.75	12.14	13.95	10.67	14.32	11.38
92 - Records/tapes	0.46	2.35	0.33	2.13	0.39	2.23
93 - Reading books	0.37	1.52	0.56	1.83	0.47	1.70
94 - Reading magazines/N.A.	1.32	2.81	1.97	3.67	1.67	3.32
95 - Reading newspapers	1.86	2.72	1.47	2.27	1.65	2.49
96 - Conversations	1.61	2.19	2.18	2.74	1.91	2.52
97 - Letters	0.20	1.06	0.31	1.12	0.26	1.10
98 - Other passive leisure	1.68	3.53	1.41	3.32	1.53	3.42
99 - Travel: passive leisure	0.18	0.49	0.13	0.49	0.15	0.49

Source: Hill, 1985.



Appendix 15A

Table 15A-7. Ranking of Occupations by Median Years of Occupational Tenure

Occupation	Median years of occupational tenure
Barbers	24.8
Farmers, except horticultural	21.1
Railroad conductors and yardmasters	18.4
Clergy	15.8
Dentists	15.7
Telephone line installers and repairers	15.0
Millwrights	14.8
Locomotive operating occupations	14.8
Managers; farmers, except horticultural	14.4
Telephone installers and repairers	14.3
Airplane pilots and navigators	14.0
Supervisors: police and detectives	13.8
Grader, dozer, and scraper operators	13.3
Tailors	13.3
Civil engineers	13.0
Crane and tower operators	12.9
Supervisors, n.e.c.	12.9
Teachers, secondary school	12.5
Teachers, elementary school	12.4
Dental laboratory and medical appliance technicians	12.3
Separating, filtering, and clarifying machine operators	12.1
Tool and die makers	12.0
Lathe and turning machine operators	11.9
Machinists	11.9
Pharmacists	11.8
Stationary engineers	11.7
Mechanical engineers	11.4
Chemists, except biochemists	11.1
Inspectors, testers, and graders	11.0
Electricians	11.0
Operating engineers	11.0
Radiologic technicians	10.9
Electrical power installers and repairers	10.8
Supervisors; mechanics and repairers	10.7
Heavy equipment mechanics	10.7
Bus, truck, and stationary engine mechanics	10.7
Physicians	10.7
Construction inspectors	10.7
Cabinet makers and bench carpenters	10.6
Industrial machinery repairers	10.6
Automobile body and related repairers	10.4

(Continued on the following page)



Table 15A-7. Ranking of Occupations by Median Years of Occupational Tenure (continued)

Occupation	Median years of occupational tenure
Electrical and electronic engineers	10.4
Plumbers, pipefitters, and steamfitters	10.4
Licensed practical nurses	10.3
Brickmasons and stonemasons	10.2
Truck drivers, heavy	10.1
Tile setters, hard and soft	10.1
Lawyers	10.1
Supervisors: production occupations	10.1
Administrators, education and related fields	10.1
Engineers, n.e.c.	10.0
Excavating and loading machine operators	10.0
Firefighting occupations	10.0
Aircraft engine mechanics	10.0
Police and detectives, public service	9.7
Counselors, educational and vocational	9.7
Architects	9.6
Structural metal workers	9.6
Aerospace engineers	9.6
Miscellaneous material moving equipment operators	9.4
Dental hygienists	9.4
Automobile mechanics	9.3
Registered nurses	9.3
Speech therapists	9.3
Binding and twisting machine operators	9.3
Managers and administrators, n.e.c.	9.1
Personnel and labor relations managers	9.0
Office machine repairer	9.0
Electronic repairers, commercial and industrial equipment	9.0
Welders and cutters	9.0
Punching and stamping press machine operators	9.0
Sheet metal workers	8.9
Administrators and officials, public administration	8.9
Hairdressers and cosmetologists	8.9
Industrial engineers	8.9
Librarians	8.8
Inspectors and compliance officers, except construction	8.8
Upholsterers	8.6
Payroll and timekeeping clerks	8.6
Furnace, kiln, and oven operators, except food	8.6
Surveying and mapping technicians	8.6
Chemical engineers	8.6

(continued on the following page)



Appendix 15A

Table 15A-7. Ranking of Occupations by Median Years of Occupational Tenure (continued)

Occupation	Median years of occupational tenure
Sheriffs, bailiffs, and other law enforcement officers	8.6
Concrete and terrazzo finishers	8.6
Sales representatives, mining, manufacturing, and wholesale	8.6
Supervisors: general office	8.6
Specified mechanics and repairers, n.e.c.	8.5
Stenographers	8.5
Typesetters and compositors	8.5
Financial managers	8.4
Psychologists	8.4
Teachers: special education	8.4
Statistical clerks	8.3
Designers	8.3
Water and Sewage Treatment plant operators	8.3
Printing machine operators	8.2
Heating, air conditioning, and refrigeration mechanics	8.1
Supervisors; distribution, scheduling, and adjusting clerks	8.1
Insurance sales occupations	8.1
Carpenters	8.0
Public transportation attendants	8.0
Drafting occupations	8.0
Butchers and meatcutters	8.0
Miscellaneous electrical and electronic equipment repairers	7.9
Dressmakers	7.9
Musicians and composers	7.9
Supervisors and proprietors; sales occupations	7.9
Painters, Sculptors, craft-artists, and artist printmakers	7.9
Mechanics and repairers, not specified	7.7
Engineering technicians, n.e.c.	7.7
Clinical laboratory technologists and technicians	7.7
Purchasing managers	7.7
Purchasing agents and buyers, n.e.c.	7.7
Photographers	7.6
Chemical technicians	7.6
Managers; properties and real estate	7.6
Accountants and auditors	7.6
Religious workers, n.e.c.	7.6
Secretaries	7.5
Social workers	7.5
Operations and systems researchers and analysts	7.4
Postal clerks, except mail carriers	7.4
Managers; marketing, advertising, and public relations	7.3

(continued on the following page)



Table 15A-7. Ranking of Occupations by Median Years of Occupational Tenure (continued)

Occupation	Median years of occupational tenure
Farm workers	7.3
Managers; medicine and health	7.2
Data processing equipment repairers	7.2
Bookkeepers, accounting and auditing clerks	7.1
Grinding, abrading, buffing, and polishing machine operators	7.0
Management related occupations, n.e.c.	7.0
Supervisors; cleaning and building service workers	7.0
Management analysts	7.0
Science technicians, n.e.c.	7.0
Mail carriers, postal service	7.0
Knitting, looping, taping, and weaving machine operators	6.9
Electrical and electronic technicians	6.9
Painting and paint spraying machine operators	6.9
Postsecondary teachers, subject not specified	6.8
Crossing guards	6.8
Inhalation therapists	6.7
Carpet installers	6.7
Computer systems analysts and scientists	6.6
Other financial officers	6.6
Industrial truck and tractor equipment operators	6.6
Textile sewing machine operators	6.6
Correctional institution officers	6.5
Teachers, prekindergarten and kindergarten	6.4
Supervisors; financial records processing	6.4
Miscellaneous Textile machine operators	6.4
Production inspectors, checkers, and examiners	6.3
Actors and directors	6.3
Health technologists and technicians, n.e.c.	6.3
Miscellaneous machine operators, n.e.c.	6.2
Private household cleaners, and servants	6.2
Buyers, wholesale and retail trade, excluding farm products	6.0
Real estate sales occupations	6.0
Electrical and electronic equipment assemblers	6.0
Bus drivers	6.0
Editors and reporters	6.0
Laundrying and dry cleaning machine operators	6.0
Meter readers	5.9
Painters, construction and maintenance	5.9
Driver-sales workers	5.9
Teachers, n.e.c.	5.9
Order clerks	5.8
Physicians' assistants	5.8

(continued on the following page)



Appendix 15A

Table 15A-7. Ranking of Occupations by Median Years of Occupational Tenure (continued)

Occupation	Median years of occupational tenure
Billing clerks	5.8
Drywall installers	5.7
Construction trades, n.e.c.	5.7
Telephone operators	5.7
Authors	5.6
Nursing aides, orderlies, and attendants	5.6
Dental assistants	5.6
Timber cutting and logging occupations	5.5
Molding and casting machine operators	5.5
Miscellaneous hand-working occupations	5.5
Production coordinators	5.5
Public relations specialists	5.5
Personnel clerks, except payroll and bookkeeping	5.4
Assemblers	5.4
Securities and financial services sales occupations	5.4
Salesworkers, furniture and home furnishings	5.4
Insurance adjusters, examiners, and investigators	5.3
Pressing machine operators	5.3
Roofers	5.3
Graders and sorters, except agricultural	5.3
Supervisors; related agricultural occupations	5.2
Typists	5.2
Supervisors; motor vehicle operators	5.2
Personnel, training, and labor relations specialists	5.2
Legal assistants	5.2
Physical therapists	5.2
Advertising and related sales occupations	5.1
Records clerks	5.1
Economists	5.1
Technicians, n.e.c.	5.0
Expeditors	5.0
Sales occupations, other business services	4.9
Computer operators	4.8
Computer programmers	4.8
Investigators and adjusters, except insurance	4.8
Underwriters	4.8
Salesworkers, parts	4.8
Artists, performers, and related workers, n.e.c.	4.8
Teachers' aides	4.6
Maids and housemen	4.6
Sawing machine operators	4.6
Machine operators, not specified	4.5
Weighers, measurers, and checkers	4.5

(continued on the following page)



Table 15A-7. Ranking of Occupations by Median Years of Occupational Tenure (continued)

Occupation	Median years of occupational tenure
Traffic, shipping, and receiving clerks	4.5
Salesworkers, hardware and building supplies	4.5
Biological technicians	4.4
Athletes	4.4
Bill and account collectors	4.4
Taxicab drivers and chauffeurs	4.4
Slicing and cutting machine operators	4.3
Administrative support occupations, n.e.c.	4.3
Mixing and blending machine operators	4.3
Waiters and waitresses	4.2
Janitors and cleaners	4.2
Production helpers	4.1
General office clerks	4.0
Machine feeders and offbearers	3.9
Interviewers	3.9
Bartenders	3.9
Eligibility clerks, social welfare	3.9
Bank tellers	3.8
Cooks, except short-order	3.8
Health aides, except nursing	3.7
Laborers, except construction	3.7
Welfare service aides	3.7
Salesworkers, motor vehicles and boats	3.7
Cost and rate clerks	3.6
Construction laborers	3.6
Hand packers and packagers	3.5
Transportation ticket and reservation agents	3.5
Animal caretakers, except farm	3.5
Photographic process machine operators	3.5
Freight, stock, and material movers, hand, n.e.c.	3.4
Data-entry keyers	3.4
Bakers	3.4
Dispatchers	3.3
Guards and police, except public service	3.3
Packaging and filling machine operators	3.3
Receptionists	3.3
Library clerks	3.3
Truckdrivers, light	3.2
Salesworkers, radio, television, hi-fi, and appliances	3.2
Salesworkers, apparel	3.1
Sales counter clerks	3.1
Salesworkers, other commodities	3.1

(continued on the following page)



Appendix 15A

Table 15A-7. Ranking of Occupations by Median Years of Occupational Tenure (continued)

Occupation	Median years of occupational tenure
Small engine repairers	3.1
Supervisors, food preparation and service occupations	3.0
Health record technologists and technicians	2.9
Helpers, construction trades	2.9
Attendants, amusement and recreation facilities	2.8
Street and door-to-door salesworkers	2.7
Child-care workers, private household	2.7
Child-care workers, except private household	2.7
Information clerks, n.e.c.	2.7
Hotel clerks	2.7
Personal service occupations, n.e.c.	2.7
Salesworkers, shoes	2.6
Garage and service station related occupations	2.6
Short-order cooks	2.5
File clerks	2.5
Cashiers	2.4
Mail clerks, except postal service	2.3
Miscellaneous food preparation occupations	2.3
News vendors	2.3
Vehicle washers and equipment cleaners	2.3
Messengers	2.3
Kitchen workers, food preparation	2.1
Stock handlers and baggers	1.9
Waiters and waitresses assistants	1.7
Food counter, fountain, and related occupations	1.5

^a n.e.c. - not elsewhere classified

Source: Carey, 1988.



APPENDIX 15B

ACTIVITY PATTERNS CODES AND OCCUPATIONAL TENURE DATA



Appendix 15B

Table 15B-1. Annual Geographical Mobility Rates, by Type of Movement for Selected 1-Year Periods: 1960-1992 (numbers in thousands)

Mobility period	Total movers	Residing in the United States at beginning of period						Residing outside the United States at the beginning of period
		Total	Different house, same county	Total	Different County			
					Same State	Different State	Different Region	
NUMBER								
1991-92	42,800	41,545	26,587	14,957	7,853	7,105	3,285	1,255
1990-91	41,539	40,154	25,151	15,003	7,881	7,122	3,384	1,385
1989-90	43,381	41,821	25,726	16,094	8,061	8,033	3,761	1,560
1988-89	42,620	41,153	26,123	15,030	7,949	7,081	3,258	1,467
1987-88	42,174	40,974	26,201	14,772	7,727	7,046	3,098	1,200
1986-87	43,693	42,551	27,196	15,355	8,762	6,593	3,546	1,142
1985-86	43,237	42,037	26,401	15,636	8,665	6,791	3,778	1,200
1984-85	46,470	45,043	30,126	14,917	7,995	6,921	3,647	1,427
1983-84	39,379	38,300	23,659	14,641	8,198	6,444	3,540	1,079
1982-83	37,408	36,430	22,858	13,572	7,403	6,169	3,192	978
1981-82	38,127	37,039	23,081	13,959	7,330	6,628	3,679	1,088
1980-81	38,200	36,887	23,097	13,789	7,614	6,175	3,363	1,313
1970-71	37,705	36,161	23,018	13,143	6,197	6,946	3,936	1,544
1960-61	36,533	35,535	24,289	11,246	5,493	5,753	3,097	988
PERCENT								
1991-92	17.3	16.8	10.7	6.0	3.2	2.9	1.3	0.5
1990-91	17.0	16.4	10.3	6.1	3.2	2.9	1.4	0.6
1989-90	17.9	17.3	10.6	6.6	3.3	3.3	1.6	0.6
1988-89	17.8	17.2	10.9	6.3	3.3	3.0	1.4	0.6
1987-88	17.8	17.3	11.0	6.2	3.3	3.0	1.3	0.5
1986-87	18.6	18.1	11.6	6.5	3.7	2.8	1.5	0.5
1985-86	18.6	18.0	11.3	6.7	3.7	3.0	1.6	0.5
1984-85	20.2	19.6	13.1	6.5	3.5	3.0	1.6	0.6
1983-84	17.3	16.8	10.4	6.4	3.6	2.8	1.6	0.5
1982-83	16.6	16.1	10.1	6.0	3.3	2.7	1.4	0.4
1981-82	17.0	16.6	10.3	6.2	3.3	3.0	1.6	0.5
1980-81	17.2	16.6	10.4	6.2	3.4	2.8	1.5	0.6
1970-71	18.7	17.9	11.4	6.5	3.1	3.4	2.0	0.8
1960-61	20.6	20.0	13.7	6.3	3.1	3.2	1.7	0.6

Source: U.S. Bureau of Census, 1993.



Table 15B-2. Mobility of the Resident Population by State: 1980

Region, division, and state	Persons 5 years old, and over ^b 1980 (1,000)	Same house in 1980 as 1975	Percent distribution - residence in 1975 ^a		
			Different house, same county	Different county, same state	Different county, different state
United States	210,323	53.6	25.1	9.8	9.7
Northeast	46,052	61.7	22.3	8.0	6.1
New England	11,594	59.1	23.4	6.7	9.2
Maine	1,047	56.9	24.0	7.5	10.8
New Hampshire	857	51.6	22.8	6.2	18.5
Vermont	476	54.4	23.9	6.5	14.3
Massachusetts	5,398	61.0	22.7	7.6	7.0
Rhode Island	891	60.5	23.9	5.0	8.7
Connecticut	2,925	59.0	24.4	5.5	9.3
Middle Atlantic	34,458	62.6	21.9	8.4	5.0
New York	16,432	61.5	22.6	9.3	3.8
New Jersey	6,904	61.5	20.0	8.6	7.8
Pennsylvania	11,122	65.0	22.0	7.1	5.2
Midwest	54,513	55.4	26.4	10.2	7.0
East North Central	38,623	56.0	27.4	9.6	6.0
Ohio	10,015	56.7	27.9	9.0	5.7
Indiana	5,074	54.8	27.5	9.6	7.6
Illinois	10,593	55.5	28.5	8.1	6.1
Michigan	8,582	56.4	26.2	11.3	5.1
Wisconsin	4,360	56.2	25.5	11.0	6.7
West North Central	15,890	53.9	24.0	11.8	9.4
Minnesota	3,770	55.6	22.8	13.3	7.3
Iowa	2,693	55.6	25.0	10.9	7.9
Missouri	4,564	54.0	24.1	11.8	9.4
North Dakota	598	51.7	23.1	11.4	12.7
South Dakota	633	52.9	23.2	12.1	11.1
Nebraska	1,448	53.1	24.4	11.0	10.5
Kansas	2,184	50.2	25.1	10.7	12.6

(Continued on the following page)



Appendix 15B

Table 15B-2. Mobility of the Resident Population by State: 1980 (continued)

Region, division, and state	Persons 5 years old, and over ^b 1980 (1,000)	Same house in 1980 as 1975	Percent distribution - residence in 1975 ^a		
			Different house, same county	Different county, same state	Different county, different state
<u>South</u>	69,880	52.4	24.1	10.0	12.0
South Atlantic	34,498	52.7	22.4	9.7	13.6
Delaware	555	57.0	26.3	2.0	13.3
Maryland	3,947	55.5	21.9	10.3	10.4
District of Columbia	603	58.2	22.7	NA	16.3
Virginia	4,991	51.0	17.9	15.0	13.9
West Virginia	1,806	60.9	23.4	6.6	8.6
North Carolina	5,476	56.9	23.5	8.9	9.8
South Carolina	2,884	57.5	22.3	7.7	11.5
Georgia	5,052	52.5	22.8	12.2	11.5
Florida	9,183	46.2	23.7	7.8	19.6
East South Central	13,556	56.0	25.9	7.9	9.5
Kentucky	3,379	54.4	27.2	8.6	9.0
Tennessee	4,269	54.2	27.2	7.4	10.6
Alabama	3,601	57.6	25.3	7.4	8.9
Mississippi	2,307	59.0	22.5	8.6	9.2
West South Central	21,826	49.6	25.6	11.8	11.0
Arkansas	2,113	53.1	24.8	9.1	12.4
Louisiana	3,847	57.0	24.3	9.2	8.4
Oklahoma	2,793	47.6	24.9	12.3	13.7
Texas	13,074	47.3	26.2	12.9	11.0
<u>West</u>	39,879	43.8	28.3	11.0	13.4
Mountain	10,386	42.7	25.1	9.1	21.1
Montana	722	47.3	24.5	12.3	15.0
Idaho	852	44.4	24.7	9.5	20.0
Wyoming	425	38.4	23.6	8.6	28.3
Colorado	2,676	39.8	22.7	14.8	20.6
New Mexico	1,188	50.3	23.2	7.2	17.4
Arizona	2,506	41.9	27.1	5.0	23.9
Utah	1,272	45.8	27.8	8.4	16.0
Nevada	745	34.8	27.4	3.6	31.5

(continued on the following page)



Table 15B-2. Mobility of the Resident Population by State: 1980 (continued)

Region, division, and state	Persons 5 years old, and over ^b 1980 (1,000)	Same house in 1980 as 1975	Percent distribution - residence in 1975 ^a		
			Different house, same county	Different county, same state	Different county, different state
Pacific	29,493	44.2	29.4	11.6	10.7
Washington	3,825	43.7	27.7	10.1	16.2
Oregon	2,437	41.4	26.6	13.4	16.9
California	21,980	44.6	30.2	12.1	8.5
Alaska	363	32.2	27.6	8.7	29.1
Hawaii	888	49.3	25.2	2.8	16.9

^a Survey assessed changes in residence between 1975 and 1980.^b Includes persons residing abroad in 1975.

NA = not applicable.

Source: U.S. Bureau of the Census, Statistical Abstract, 1984.